

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (cancelled)

2. (currently amended) A totalization system for totalizing information to be totalized, comprising:

a to-be-totalized information storage unit storing detail data as information to be totalized;
a hierarchical information storage unit storing plural user specified totalization hierarchy structures having information used in totalizing the information to be totalized;

a computing unit allowing a user to select one of the structures and totalizing the detail data as information stored in the to-be-totalized information storage unit according to the one of the structures having hierarchical information stored in the hierarchical information storage unit, and The totalization system according to claim 1, further comprising

a display control unit controlling display of the one of the structures selected by the user and totalization results for information at an arbitrary hierarchical level in the hierarchical information for the one of the structures selected by the user on a same display screen and, if necessary, information at a hierarchical level lower than the arbitrary level or totalization results for information at the lower hierarchical level, and

wherein said totalization information can be displayed very readily in a form each individual user demands independently of data contents and regardless of a presence or absence of classification information for totalization.

3. (original) The totalization system according to claim 2, wherein the display control unit controls display of information at an even lower hierarchical level or totalization results for information at the even lower hierarchical level.

4. (currently amended) The totalization system according to claim 42, wherein the to-be-totalized information are classified into a plurality of groups, the hierarchical information

storage unit stores hierarchical information about the plurality of groups, and the computing unit totalizes information stored in the to-be-totalized information storage unit on the basis of hierarchical information about any one of the groups.

5. (currently amended) A computer-readable recording medium which is recorded with a program that allows a computer to perform a control operation for totalizing information, the control operation comprising:

storing detail data as information to be totalized;

storing plural user specified totalization hierarchy structures having hierarchical information used in totalizing the information to be totalized; and

allowing a user to select one of the structures and totalizing the detail data as information to be totalized on the basis the one of the structures having hierarchical information, and

displaying the selected one of the structures and a totalized result on a same display screen, and

wherein said totalization information can be displayed very readily in a form each individual user demands independently of data contents and regardless of a presence or absence of classification information for totalization.

6. (currently amended) A system for totalizing information, comprising:

information storage storing information to be totalized;

totalization hierarchical information storage storing hierarchical information defining a totalization hierarchy including plural user specified totalization hierarchy structures allowing totalizing of the information to be totalized even when classification information is unavailable for use in totalizing the information to be totalized; and

a computing unit allowing a user to select one of the structures and totalizing the information stored in the information storage according to the one of the structures of the hierarchical information stored in the hierarchical information storage; and

a display displaying the selected one of the structures and a totalization result on a same display screen.

7. (currently amended) A computer based totalization method, comprising:

storing data to be totaled;

creating at least plural hierarchies linking the data according to plural users hierarchy specifications associated with the plural users data requirements;

allowing a user to select one of the hierarchies; and
totaling the data responsive to the hierarchy selected; and
displaying the selected one of the hierarchies and a totalization result on a same display screen.

8. (previously presented) A method as recited in claim 7, wherein the hierarchy has levels and the user is allowed to select a level within the hierarchy and the total for that level in the hierarchy is produced.

9. (new) A computer based totalization method, comprising:
storing data to be totaled;
creating a hierarchy linking the data;
allowing a user to select a portion of the hierarchy using a graphical user interface;
totaling the data responsive to the portion of the hierarchy selected; and
displaying the portion of the hierarchy and a totalization result together on the graphical user interface.